



GR 1105

Page 2 of 8
and 10
Not entered

- see back

Amend of
3/7/97

RECEIVED D

MAR - 5 1997

GR 1105 10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: J. Bednorz et al.

Date: February 10, 1997

Serial No.: 08/303,561

Group Art Unit: 1105

Filed: September 9, 1994

Examiner: D. McGinty

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH
TRANSITION TEMPERATURE, AND METHODS FOR THEIR
USE AND PREPARATION

The Commissioner of Patents and Trademarks
Washington, D.C.

AMENDMENT

Sir:

In response to the Office Letter dated January 8, 1997, please consider the following:

IN THE CLAIMS

Add claims 114-122.

114. (Added) A method including the steps of forming copper oxide having a phase therein which exhibits a superconducting state at a critical temperature in excess of 26°K;

maintaining the temperature of said material at a temperature less than said critical temperature to produce said superconducting state in said phase;

passing an electrical supercurrent through said copper oxide while it is in said



Atty. Dock. No. YO987-074BY

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Amendment/Response Transmittal

In re application of: J. Bednorz et al.

Serial No.: 08/303,561

Filed: September 9, 1994

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH
TRANSITION TEMPERATURE, AND METHODS
FOR THEIR USE AND PREPARATION

RECEIVED
MAR - 5 1997
GROUP 1100

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is an **Amendment/Response** in the above-identified Application.

- No additional fee is required.
 The fee has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	Other Than Small Entity
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE
TOTAL *	MINUS	**	x \$22.00=
INDEPENDENT *	MINUS	***	x \$80.00=
<input type="checkbox"/> 1ST PRESENTATION OF MULTIPLE DEP. CLAIMS		\$260.00	\$
		TOTAL	\$ 510.00

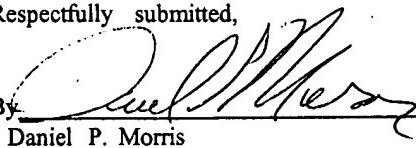
- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- Please charge Deposit Account No. 09-0468 any fee necessary to enter this paper.
 The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0468. A duplicate copy of this sheet is enclosed.
 Any additional filing fees required under 37 C.F.R. §1.16.

BF02094 02/27/97 08303541 Any patent application processing fees under 37 C.F.R. §1.160.00CH Y0987-074BY
BF07095 02/27/97 08303561 09-0468 070 103 110.00CH Y0987-074BY

Date: February 10, 1997

Respectfully submitted,

By 
Daniel P. Morris

Attorney

Registration No. 32,053

IBM CORPORATION
Intellectual Property Law Dept.
P.O. Box 218
Yorktown Heights, NY 10598
Tel. No. (914) 945-3217

BEST AVAILABLE COPY



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Date: February 10, 1997

J. Bednorz et al.

Group: 1105

Serial No.: 08/303,561

Examiner: D. McGinty

Filed: September 9, 1994

Docket No. YO987-074BY

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING
HIGH TRANSITION TEMPERATURE, AND METHODS FOR
THEIR USE AND PREPARATION

Commissioner of Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that the attached correspondence comprising:

Amendment
Amendment/Response Transmittal Sheet
Acknowledgement card

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

**Commissioner of Patents and Trademarks
Washington, DC 20231**

on February 10, 1997

Sandra Emma

(Print name of person mailing paper)


(Signature of person mailing paper)